IN THE CLAIMS:

14. (Previously Presented) A spherical microcapsule comprising:

 (i) a fine spherical body having a nearly spherical shape with a particle diameter of from 5 μm to 15 μm which comprises a compound represented by the following formula (1):

$$\begin{array}{c|c} O & H & R \\ \hline & N & O & R \\ \hline & O & M & H \\ \hline \end{array}$$

wherein R represents a hydrogen atom or an alkyl group having 1 to 5 carbon atoms, n is an integer of 8 to 20, and m is an integer of 1 to 3; and

(ii) a hydrophilic core substance encapsulated inside the fine spherical body, wherein the microcapsule has a hydrophilic surface comprising COOH moieties, wherein the microcapsule has a uniform molecular orientation, evenly oriented in a radial pattern from a center, and a concentric molecular orientation having point disclination, and wherein, when observed using a fluorescent microscope, the microcapsule emits fluorescence owing to pyranine as the inclusion compound.

(New) A spherical microcapsule comprising:

(i) a fine spherical body having a nearly spherical shape with a particle diameter of from 5 μ m to 15 μ m which comprises a compound represented by the following formula (1):

Appln. No. 10/530,198 Attorney Docket No. 040894-7204 Page 3

wherein R represents a hydrogen atom or an alkyl group having 4 to 5 carbon atoms, n is an integer of 8 to 20, and m is an integer of 1 to 3; and

- (ii) a hydrophilic core substance encapsulated inside the fine spherical body, wherein the microcapsule has a hydrophilic surface comprising COOH moieties, wherein the microcapsule has a uniform molecular orientation, evenly oriented in a radial pattern from a center, and a concentric molecular orientation having point disclination.
- 16. (New) The spherical microcapsule of claim 15, wherein the hydrophilic core substance is pyranine.
- 17. (New) The spherical microcapsule of claim 16, wherein the microcapsule emits fluorescence owing to the pyranine as an inclusion substance when observed using a fluorescent microscope.